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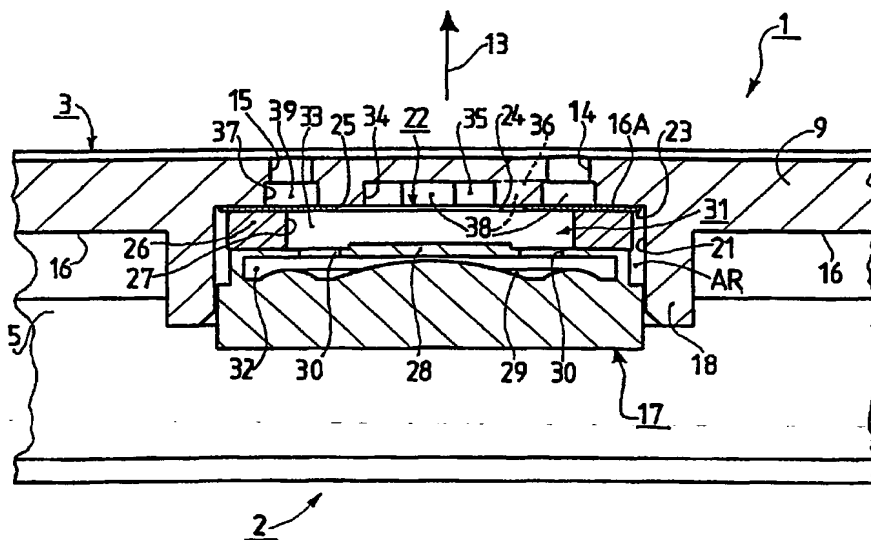
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(54) Title: **ELECTRO-ACOUSTIC APPARATUS COMPRISING AN ELECTRO-ACOUSTIC TRANSDUCER**



(57) Abstract: In the case of an electro-acoustic apparatus (1) having a housing (2) with a housing wall (9) and having an electro-acoustic transducer (17) that is arranged facing the housing wall (9), a front chamber volume (31) that forms an acoustic spring is provided between the transducer (17) and the housing wall (9), and in the housing wall (9) a sound outlet aperture (14, 15) that preferably forms an acoustic mass is provided, wherein between the front chamber volume (31) and the sound outlet aperture (14, 15) a sound guide channel (38, 39) is provided, which forms a sufficiently large acoustic mass in order jointly with the front chamber volume (31) to achieve a satisfactory band-pass characteristic of the sound pressure frequency response of the transducer (17).